



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/701,162

Source: PT/09

Date Processed by STIC: 10/11/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/701,162

DATE: 10/11/2001
TIME: 10:37:16

Input Set : A:\0515030278735.txt
Output Set: N:\CRF3\10112001\I701162.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: La Jolla Institute For Experimental Medicine
4 Bourdon, Mario
5 Deryugina, Elena
6 Rao, Srirama
7 Borgstrom, Per
9 <120> TITLE OF INVENTION: INHIBITION OF TUMOR GROWTH BY MACROPHAGE INTERVENTION
11 <130> FILE REFERENCE: 051503/0278735
13 <140> CURRENT APPLICATION NUMBER: 09/701,162
14 <141> CURRENT FILING DATE: 2000-11-22
16 <150> PRIOR APPLICATION NUMBER: PCT/US98/25791
17 <151> PRIOR FILING DATE: 1998-12-04
19 <150> PRIOR APPLICATION NUMBER: 60/067,591
20 <151> PRIOR FILING DATE: 1997-12-05
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

26 <210> SEQ ID NO: 1
27 <211> LENGTH: 660
28 <212> TYPE: RNA
29 <213> ORGANISM: Human
OK-> 30 <220> FEATURE:
31 <221> NAME/KEY: mRNA
32 <222> LOCATION: (1) (660)
33 <223> OTHER INFORMATION: Human CSF-1
35 <400> SEQUENCE: 1

↑ is not allowed in RNA sequence

E--> 36 cctgggtccct ctccggcgcca gagccgtt cccgca cccca ggacagcggt gcggccctcg 60
E--> 38 gccccggggcgc ccactccgca gcagccagcg agccagctgc cccgtatgac cgcggccggc 120
E--> 40 gcccggggcgc gctgccctcc cacgacatgg ctgggctccc tgctgttgg tggctgtctc 180
E--> 42 ctggcgagca ggagtatcac cgaggagggtg tcggagtaact gtggccacat gattgggagt 240
E--> 44 ggacacctgc agtctctgca gcccgttgcatt gacagtcaga tggagacctc gtgccaaatt 300
E--> 46 acatttgagt ttgttagacca ggaacagttt aaagatccag tggctgttgcatt taagaaggca 360
E--> 48 tttctctgg tacaagacat aatggaggac accatgcgt tcagagataa caccgccaat 420
E--> 50 cccatcgcca ttgtcgactt gcaggactc tctttgaggc tgaagagctg cttcaccaag 480
E--> 52 gattatgaag agcatgacaa ggctcggtc cgaactttct atgagacacc tctccagttg 540
E--> 54 ctggagaagg tcaagaatgt cttaatgaa acaaagaatc tccttgacaa ggactggaat 600
E--> 56 attttcagca agaactgcaa caacagcttt gctgaatgct ccagccaaga tgtggtgacc 660

use " " instead

same error

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/701,162

DATE: 10/11/2001
TIME: 10:37:17

Input Set : A:\0515030278735.txt
Output Set: N:\CRF3\10112001\I701162.raw

L:30 M:283 W: Missing Blank Line separator, <220> field identifier
L:36 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:9
L:38 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:38 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:13
L:40 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:40 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:28
L:42 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:42 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:40
L:44 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:44 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:53
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L:46 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:68
L:48 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:48 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:81
L:50 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:50 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:95
L:52 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:52 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:110
L:54 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:54 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:124
L:56 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:56 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:138